Peak District National Park

Forecast valid from 00:00 on Tuesday 10 May 2022 until 23:59 on Wednesday 11 May 2022

Forecast Issued on Monday 09 May 2022 at 15:41

Confidence: High confidence for a brief period of cooler and more unsettled weather, but uncertainty regarding rainfall later Wednesday into Thursday. High confidence for a return to dry and warmer conditions for the weekend.

Headline for Tuesday 10 May 2022: Cloud and outbreaks of rain clearing to sunny spells and showers. Breezy.

Mountain weather hazards on Tuesday 10 May 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light rain	Light rain	Sunny intervals	Heavy rain showers	Sunny intervals	Sunny intervals	Clear night
Precipitation probability							
40%	70%	60%	20%	40%	30%	20%	<05%

Forecast for Tuesday 10 May 2022

Weather: Outbreaks of rain and drizzle spreading in from the northwest shortly after midnight. Rain easing later in the night and clearing southeastwards during the early morning, Sunny spells and scattered showers follow, some of which may be heavy. Showers dying away during the early evening to leave a dry and largely clear night.

Chance of cloud-free hill tops above 600m: Around 30%, increasing to 90% by mid-morning.

Low cloud and visibility: Extensive cloud with bases 400-600m, clearing through the early morning. Cloud generally above the summits thereafter, but patches down to 500-700m possible at times, most likely in association with showers. Visibility below this generally good, becoming very good, but reducing to 5-10km in rain or showers and very poor in drizzle or heavy showers.

Forecast for Tuesday 10 May 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	25/35 SW	24/34 SW	23/32 SW	20/30 W	22/32 W	21/32 W	21/31 SW	21/33 SW	24/36 SW
300	20/31 SW	19/29 SW	18/27 SW	16/26 W	19/29 W	18/28 W	17/28 SW	16/27 SW	18/29 SW
Valley	13/29 SW	13/28 SW	12/24 W	13/26 W	14/29 W	13/27 W	14/28 SW	11/26 SW	13/29 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/4	9/4	9/5	8/4	10/6	10/6	10/6	7/3	7/2
300	11/8	11/8	11/8	11/8	13/9	13/9	12/9	10/7	9/6
Valley	11/9	11/9	11/8	12/10	13/10	13/10	13/10	10/8	10/7
Freezing Level*	2500m	2200m	1900m	1500m	1600m	1600m	1600m	1400m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts of 35-45mph possible over ridges and summits, most likely in association with showers. Moderate to High levels of UV, sunscreen advised.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 09 May 2022	0mm	0mm	11.4mm

Forecast for Wednesday 11 May 2022

Weather: Largely dry and bright to start, but becoming increasingly cloudy through the day, with rain possibly spreading in from the southeast during the late afternoon and evening.

Maximum wind: West/southwesterly 15-20mph, gusting 30-35mph, easing by late morning.

Chance of cloud-free hill tops above 600m: 90-100%, decreasing to around 60% during the late afternoon and evening.

Low cloud and visibility: Generally above the summits, but lowering later in the day with patches 500-700m. Visibility generally good but reducing to a few km in rain.

Temperature: **Valleys:** 10 deg C increasing to 18 deg C
At 600m: 7-10 deg C
Freezing level: Above summits